

Author Index

- Acevedo, S., 145
Airoldi, C., 45, 109
Aizpurua, I., 59
Amalvy, J.I., 59
- Barandiaran, M.J., 59
Barbier, F., 153
Biggs, S., 203
Bijsterbosch, H.D., 79
Blaser, S., 215
Bohr, J., 33
Boschkova, K., 67
- Caetano, M., 145
Cao, F., 27
Castillo, J., 145
Cestari, A.R., 109
Chakravarti, A.K., 7
Chantrapornchai, W., 123
Chauhan, M.S., 51
Chauhan, S., 51
Chibowski, E., 187
Chowdhury, S.B., 7
Clydesdale, F.M., 123
Cócera, M., 91
Cohen Stuart, M.A., 79
Czapkiewicz, J., 161
- de Keizer, A., 171
de Laat, A.W.M., 79
de la Maza, A., 91
del Castillo, J.L., 161
Duc, G., 153
- Elvesjö, J., 67
Espinola, J.G.P., 45
Esumi, K., 115
- Fernández, A., 145
Fleer, G.J., 79
- García, C., 145
- Goncalvez, S., 145
González Pérez, A., 161
Guinea, J., 91
Gun'ko, V.M., 187
Guzenko, N.V., 187
- Hatta, I., 1
Hibino, M., 1
Holt, S., 203
Hou, Z., 243
- Iveson, S.M., 203
Iyer, R.S., 133
- Kallay, M.J.N., 225
Khomutov, G.B., 33
Koide, Y., 115
Koopal, L.K., 171
Kovačević, D., 225
Kronberg, B., 67
Kumar, A., 51
Kumar, G., 51
- Leak, D.J., 177
Leboda, R., 187
Lemus, W.E.S., 45
Li, J.B., 235
Lin, C.-F., 251
Li, Z., 243
López, O., 91
Lo, S.-L., 251
- McClements, D.J., 123
Miller, R., 235
Miyazaki, M., 115
Moreira, J.C.A., 45
Mukherjee, D.C., 7
- Narres, H.-D., 225
Nechev, G., 1
- Oliveira, S.F., 45
- Özbaş, G., 225
- Pakhlov, E.M., 187
Parra, J.L., 91
Petit-Ramel, M., 153
Pohlmeier, A., 225
Polyakov, S.N., 33
Prichanont, S., 177
Protsenko, P., 261
- Ranaudo, M.A., 145
Rodríguez, J.R., 161
Rossen, W.R., 101
- Saika, R., 115
Siegel, S., 235
Simoni, J.A., 109
Skvortsova, Z., 261
Souza, A.G., 45
Stanmore, B.R., 133
Struijk, C.W., 79
Stuckey, D.C., 177
- Tang, H., 27
Tishin, A.M., 33
Torigoe, K., 115
Traskine, V., 261
Turov, V.V., 187
- Vieira, E.F.S., 109
Vollhardt, D., 235
Volovitch, P., 261
Voronin, E.F., 187
- Wang, D., 27
Wang, H., 243
Wells, J.D., 171
Wines, T.H., 269
Wu, C.-H., 251
Wu, J., 235
- Zarko, V.I., 187
Zhao, J., 235



Subject Index

- Acidic sites, 109
- Adsorption, 79, 109, 145, 153, 225
- Aggregation, 145
- Asphaltenes, 145
- Atomic force microscopy, 1
- Biotransformation, 177
- Boundary lubrication, 67
- Break-up, contraction flow, 215
- Bubbles, 101
- Calorimetry, 109
- Capillary pressure, 203
- Cationic surfactant, 115
- Cell encapsulation, 177
- Chiral epoxide, 177
- Chromate, 251
- Cloud point, 79
- Coagulation, 27
- Co^{II} chlorides, 45
- Color, 123
- Competitive adsorption, 251
- Conductivity, 161
- Contact angle measurement, 203
- Copper(II) separation, 7
- Cu^{II} chlorides, 45
- Decylbenzyltrimethylammonium chloride, 161
- Defects, 1
- Dense slurries, 133
- Density, 161
- Diffuse double layer, 133
- β-diketonates, 45
- Distortion, 133
- Dodecyl dimethyl phosphine oxide, 235
- Effective molar ratio of surfactant to phospholipid in bilayers, 91
- Electrical interfacial layer, 225
- Electrokinetics, 225
- Electrophoretic mobility, 79
- Emulsion, 123
- Ethylamine, 109
- Exopolymer of glycoproteinaceous character, 91
- Flocs, 215
- Flow properties, 133
- Fluorescence spectra, 115
- Fly ashes, 133
- Foam, 101
- Foam generation, 101
- Friction, 67
- Fumed silica, 187
- Gadolinium, 33
- Gemini-surfactant, 115
- Goethite, 225
- Grain boundary wetting, 261
- Heavy metals, 153
- ¹H NMR of unfrozen water, 187
- Hydrodynamic radius, 115
- Inorganic polymer flocculant, 27
- Interaction, 243
- Interfacial energy, 261
- Ion exchange, 153
- Ionic surfactants, 51
- Iron ore, 203
- Kinetics, 145
- Lamellar, 67
- Lamellar liquid crystal, 67
- Langmuir–Blodgett films, 1, 33
- Lattice structure, 1
- Lead, 225
- Light scattering, 123
- Lyotropic, 67
- Methacryloyloxymethylenemethyl diethoxysilane, 187
- 3-Methacryloyloxypropyltrimethoxysilane, 187

- Micellization, 51, 161
Miniemulsion polymerization, 59
Modified silica, 187
Molybdate, 251
Monolayers, 33
Montmorillonite, 153
Multiple emulsion process, 7
- New antarctica bacterial species *Pseudoalteromonas antarctica* NF₃, 91
Nonionic surfactant Triton X-100, 91
- Organic solvents, 51
- Particle size distribution, 27, 187
PCS, 27
Penetration, 235
Percolation, 261
Phosphatidylcholine liposomes, 91
Phospholipid monolayers, 235
Poly(amidoamine)dendrimer, 115
Polycrystals, 261
Polymeric hydrophobe, 59
Polyvinylmethylether, 79
Poly(vinylmethylether)-block-poly(vinyloxy-4-butyric acid), 79
Porosity, 171
Porous media, 101
Powders, 203
- Rehbinder effect, 261
Rupture forces, 215
- Selenate, 251
Selenite, 251
Silica gel, 109
SiO₂, 79
Snap-off, 101
Sodium dodecyl sulfonate, 243
Solubilization of liposomes, 91
Spectral reflectance, 123
Static light-scattering variations of liposomes, 91
Stober silica, 171
Sulfate, 251
Surface charge, 171
Surface complexation., 153
Surface tension, 115
Surfactant partition coefficient, 91
Swirling flow, 215
- Temperature dependence, 161
Tetraalkylammonium ions, 171
Theoretical modelling of solvation, 187
Titanium dioxide, 123
Titration, 171
TLM, 251
Triton-114, 243
Triton X-100, 243
Two-dimensional solids, 1
- Vinyl acetate, 59
- Waste waters, 7
Water in oil microemulsion, 177
- Zeta potential, 187

